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Docket No.: 064693-0074

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: : Customer Number: 33401  
: :  
MARMARELIS ET AL. : Confirmation Number: 4072  
: :  
Serial No.: 10/623,426 : Group Art Unit: 3737  
: :  
Filed: July 18, 2003 : Examiner: IMAM, ALI M  
: :  
For: Optimization of Excitation Waveform for Nonlinear Transmit-Receive Systems

## CERTIFICATE OF MAILING (37 CFR. § 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail as First Class Mail under 37 CFR 1.8(a) in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 8, 2005.

  
Jessica Brown**AMENDMENT AND RESPONSE TO OFFICE ACTION****MAILED MAY 6, 2005**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action, mailed May 6, 2005.

Amendments to the claims begin on page 2 of this paper. Remarks begin on page 7 of this paper.

A petition for a two-month extension of time is being filed contemporaneously herewith. An Amendment, Petition and Fee to Add Inventor Under 37 CFR 1.48 is also being filed contemporaneously herewith (copy enclosed).